



SPYWOLF

Security Audit Report



Completed on
July 1, 2023

@SPYWOLFNETWORK



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SPYWOLF.CO





OVERVIEW

This audit has been prepared for **BabyCEO** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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BabyCEO



PROJECT DESCRIPTION

According to their whitepaper:

BabyCEO 2.0 (\$BABYCEO2.0) is a community project with a goal to advance into every aspect and day to day living of people all over the world. BabyCEO 2.0 aims to solve this issue by enabling these groups to have access to a secure, SAFE and completely decentralized finance, aimed at giving the power for wealth back to where it belongs – In The Hands of The People. Through harnessing the complete potential of community, decentralization and the Power of Blockchain.

Release Date: Presale starts in July, 2023

Category: Meme token



CONTRACT INFO

Token Name
Baby CEO 2.0

Symbol
BABYCEO2.0

Contract Address
0x8ea76b93cbcdeeafdbf8e3f48c14fceb0757e537

Network
Ethereum

Language
Solidity

Deployment Date
Jul 01, 2023

Verified?
Yes

Total Supply
420,690,000,000,000

Status
Not launched

TAXES

Buy Tax
5%

Sell Tax
5%

*Taxes can be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	4206900000000000 BABYCEO2.0
Median Transfer Amount	4206900000000000 BABYCEO2.0
Average Transfer Amount	4206900000000000 BABYCEO2.0
First transfer date	2023-07-01
Last transfer date	2023-07-01
Days token transferred	1

SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	2023-07-01 02:03:11 UTC
Created	2023-07-01 02:03:11 UTC
Create TX	0xaf2fb6210bfb06d01lca2edf2e7af4ledc73e19f23365468bcbcbacd6a2c1903
Creator	0x0c72db68eee956c1f3ed6166508e9854da5dfd3d



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

⚠ High Risk

Owner can set buy/sell fees up to 50%.

Buy+sell = 100%.

When fees are above 0, there will be certain amount of tokens that will be deducted from every transaction that users make. Deducted amount will be as much as the fees % from total amount that user had bought, sold and/or transferred.

```
function setStructure(uint256 _percentonbuy, uint256 _percentonsell,
uint256 _wallettransfer) external onlyOwner {
    sellpercent = _percentonsell;
    buypercent = _percentonbuy;
    transferpercent = _wallettransfer;
}

function setParameters(uint256 _liquidityFee, uint256 _buybackFee, uint256 _marketingFee,
uint256 _devFee, uint256 _burnFee, uint256 _feeDenominator) external onlyOwner {
    liquidityFee = _liquidityFee;
    buybackFee = _buybackFee;
    marketingFee = _marketingFee;
    devFee = _devFee;
    burnFee = _burnFee;
    totalFee = _liquidityFee.add(_buybackFee).add(_marketingFee).add(_devFee).add(_burnFee);
    feeDenominator = _feeDenominator;
    require(totalFee < feeDenominator / 2, "Fees can not be more than 50%");
    set_fees();
}
```

- Recommendation:
 - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%.



FOUND THREATS

⚠ Medium Risk

Owner can change contract's autoswap settings.
If swapEnabled is set to true and swapThreshold is set to 0 and contract's token balances are 0, contract will halt on sell for all.

```
function setSwapBackSettings(bool _enabled, uint256 _amount) external onlyOwner {
    swapEnabled = _enabled;
    swapThreshold = _amount;
    emit set_SwapBack(swapThreshold, swapEnabled);
}

function _transferFrom(address sender, address recipient, uint256 amount) internal returns (bool) {
    .....
    if(shouldSwapBack()){ swapBack(); }
    .....
}

function shouldSwapBack() internal view returns (bool) {
    return msg.sender != pair
        && !inSwap
        && swapEnabled
        && _balances[address(this)] >= swapThreshold;
}

function swapBack() internal swapping {
    uint256 dynamicLiquidityFee = checkRatio(setRatio, setRatioDenominator) ? 0 : liquidityFee;
    uint256 amountToLiquify = swapThreshold.mul(dynamicLiquidityFee).div(totalFee).div(2);
    uint256 amountToSwap = swapThreshold.sub(amountToLiquify);
    .....
}
```

- Recommendation:
 - Ensure that swapThreshold's value is always above 1 token (consider decimals).



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

BabyCEO 2.0

GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot set a transaction limit. Current max transaction limit is 1% of total supply
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



There is no information about the initial tokens distribution based on the project's whitepaper and/or website.

TOKENOMICS



THE TEAM

! The team is anonymous

KYC INFORMATION

No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL

<https://www.babyceo.world/>

Domain Registry

<https://www.godaddy.com>

Domain Expiration

2024-06-29

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page design with appropriate color scheme and graphics.

Content

The information helps new investors understand what the product does right away.

No grammar mistakes found.

Whitepaper

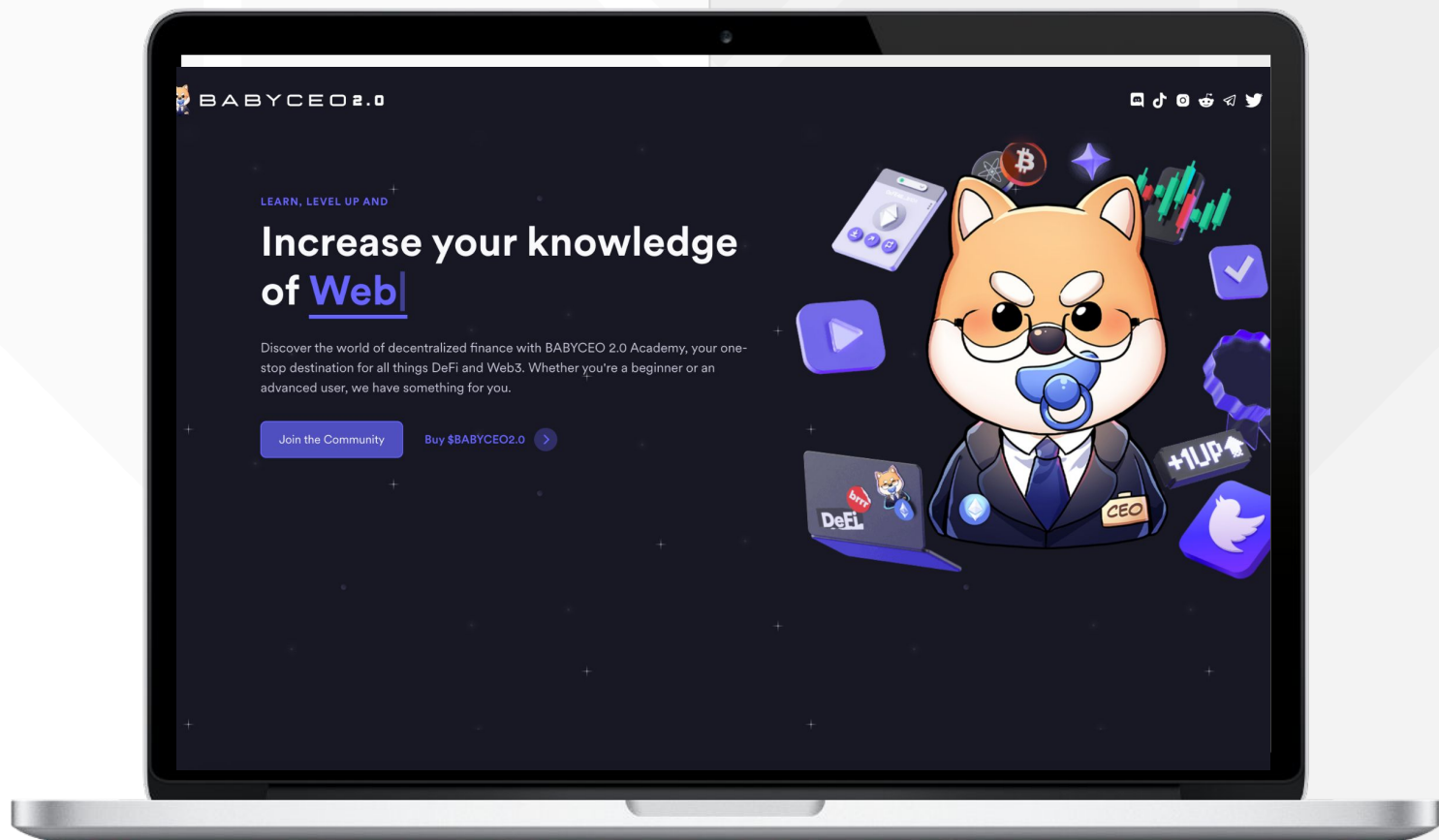
No

Roadmap

Yes, goals set without time frames.

Mobile-friendly?

Yes



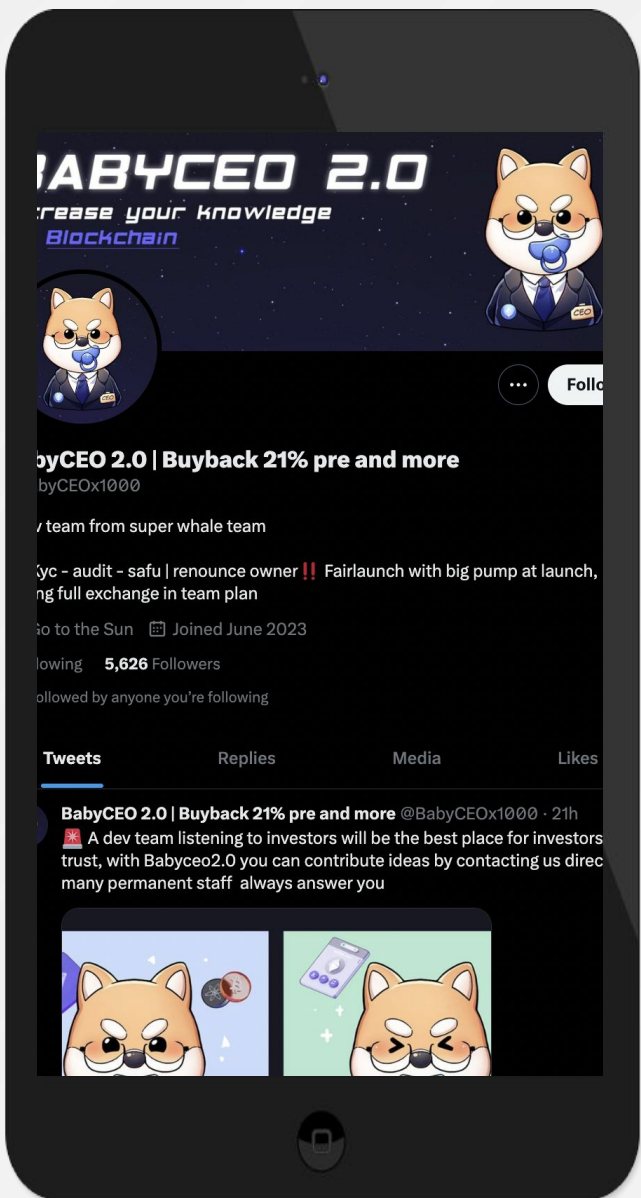
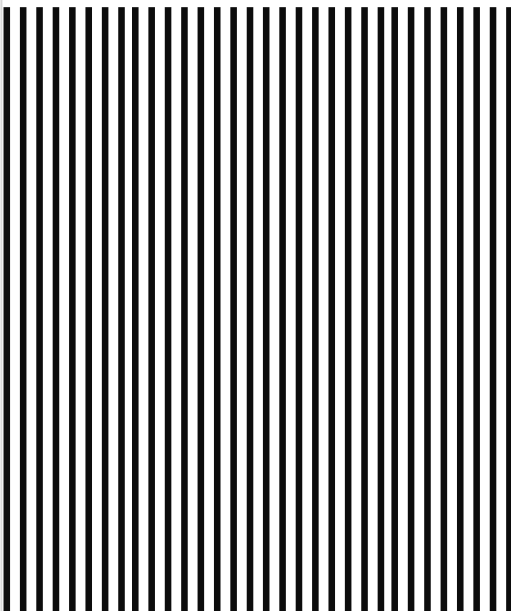
babyceo.world



SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS
Project's social media pages are active



Twitter

@TwitterUSERNAME

- 5 578 followers
- Active



Discord

- Not available



Telegram

@BabyCEOChinesechat

- 11 members
- Few active members
- New account



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 500 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
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To hire us, reach out to
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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.